



ABSTRACT

5 PROCESS FOR THE PREPARATION OF SUPPORTS FOR SOLID PHASE
 SYNTHESIS

A method for preparing a solid support material for carrying out a chemical reaction, said method comprising the following steps:

10 (i) reacting an amino functionalised solid material with a carboxylic acid having at least two similarly protected amino groups to form amide bonds between them,

 (ii) removing protecting groups in a single step,

 (iii) optionally repeating steps (i) and (ii) one or more times using the product of the preceding step as the amino functionalised solid material, and

15 (iv) connecting a linkage agent to at least some of the free NH_2 groups of the product.

The method increases the loading capacity of the solid support material. It is particularly useful in connection with peptide synthesis.